

**IN THE UNITED STATES DISTRICT COURT  
FOR THE WESTERN DISTRICT OF TEXAS  
WACO DIVISION**

<b>INNOMEMORY, LLC</b>	)	
<b>Plaintiff,</b>	)	
	)	<b>Civil Action No. 6:22-cv-00761</b>
<b>v.</b>	)	
	)	
<b>PLAINSCAPITAL BANK,</b>	)	<b>JURY TRIAL DEMANDED</b>
<b>Defendant.</b>	)	

**PLAINTIFF’S ORIGINAL COMPLAINT FOR PATENT INFRINGEMENT**

Innomemory, LLC (“Innomemory”) files this Original Complaint and demand for jury trial seeking relief from patent infringement of U.S. Patent Nos. 6,240,046 (“the ‘046 patent”) and 7,057,960 (“the ‘960 patent”) (referred to as the “Patents-in-Suit”) by PlainsCapital Bank (“PlainsCapital”).

**I. THE PARTIES**

1. Plaintiff Innomemory, LLC is a Texas Limited Liability Company with its principal place of business located in Travis County, Texas.

2. On information and belief, PlainsCapital Bank (“PlainsCapital”) is a corporation organized under the laws of the State of Maryland and is authorized to do business in the State of Texas, with regular and established places of business located throughout this District, including, but not limited to, 201 W. 5th St. Ste. 100, Austin, Texas 78701; 201 Bee Caves Rd. Ste. 120, Austin, Texas 78746; 12319 N. Mopac Expy, Austin, Texas 78758; and 400 Sundance Pkwy., Round Rock, Texas 78681. On information and belief, PlainsCapital uses infringing devices and sells and offers to sell products and services throughout Texas, including in this judicial District, and introduces products and services into the stream of commerce knowing that they would be sold and used in Texas and this Judicial District. PlainsCapital can be served with process through their

registered agent Scott J. Luedke, located at 6565 Hillcrest Avenue, Dallas, Texas 75205, at its place of business, or anywhere else it may be found.

## **II. JURISDICTION AND VENUE**

3. This Court has original subject-matter jurisdiction over the entire action pursuant to 28 U.S.C. §§ 1331 and 1338(a) because Plaintiff's claim arises under an Act of Congress relating to Patent, namely, 35 U.S.C. § 271.

4. This Court has personal jurisdiction over Defendant because: (i) Defendant is present within or has minimum contacts within the State of Texas and this Judicial District; (ii) Defendant has purposefully availed itself of the privileges of conducting business in the State of Texas and in this District; and (iii) Plaintiff's cause of action arises directly from Defendant's business contacts and other activities in the State of Texas and in this District.

5. Venue is proper in this District under 28 U.S.C. §§ 1391(b) and 1400(b). Defendant has committed acts of infringement and has a regular and established place of business in this District. Further, venue is proper because Defendant conducts substantial business in this forum, directly or through intermediaries, including: (i) at least a portion of the infringements alleged herein; and (ii) regularly doing or soliciting business, engaging in other persistent courses of conduct and/or deriving substantial revenue from goods and services provided to individuals in Texas and this District.

## **III. INFRINGEMENT**

### **A. Infringement of the '046 Patent**

6. On May 29, 2001, U.S. Patent No. 6,240,046 ("the '046 patent", included as an attachment) entitled "INTEGRATED CIRCUIT RANDOM ACCESS MEMORY CAPABLE OF READING EITHER ONE OR MORE THAN ONE DATA WORD IN A SINGLE CLOCK CYCLE," was

duly and legally issued by the U.S. Patent and Trademark Office. Innomemory, LLC owns the '046 patent by assignment.

7. The '046 patent relates to a novel and improved method, system and device for high-performance random access memory circuit.

8. Accused DDR Memory includes, but is not limited to, any memory device that complies with any of the following industry standards: DDR2, DDR3, DDR4, LPDDR3, LPDDR4, LPDDR4X, and LPDDR5. Such industry standards are defined by JEDEC, see [www.jedec.org](http://www.jedec.org) and see standard document references in attached claim charts.

9. Support for the allegations of infringement may be found in the attached exemplary claim chart included as Exhibit A that shows a mapping of one or more claims of the '046 Patent-in-Suit and representative industry standards, such as the DDR4 technical specification. These allegations are preliminary and are therefore subject to change.<sup>1</sup>

10. Accused Computing Device includes any computing device (including but not limited to, servers, desktop computers, laptops, tablets, and automated teller machines) that include the Accused DDR Memory.

11. Exemplary Vendors of Accused Computing Devices include, but are not limited to, HP, Lenovo, Acer, IBM, Asus, Dell, NCR, and Diebold.

12. Upon information and belief, Defendant has owned and operated products and services involving Accused Computing Devices. Thus, Defendant has used Accused Computing Devices. Based on such use, Defendant has infringed one or more of claims 1-19 of the '046 patent, literally or under the doctrine of equivalents. Defendant's acts complained of herein have benefited Defendant and has caused harm to Plaintiff.

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<sup>1</sup> Plaintiff reserves the right to amend, including but not limited to adding claims for indirect and willful infringement, if the discovery reveals pre-suit knowledge during the period of the alleged infringement.

13. Defendant has caused Plaintiff damage by direct infringement of one or more claims of the ‘046 patent.<sup>2</sup>

**B. Infringement of the ‘960 Patent**

14. On June 6, 2006, U.S. Patent No. 7,057,960 (“the ‘960 patent”, included as an attachment) entitled “METHOD AND ARCHITECTURE FOR REDUCING THE POWER CONSUMPTION FOR MEMORY DEVICES IN REFRESH OPERATIONS,” was duly and legally issued by the U.S. Patent and Trademark Office. Innomemory, LLC owns the ‘960 patent by assignment.

15. The ‘960 patent relates to a novel and improved method, system and apparatus for reducing power consumption during background operations in a memory array.

16. Accused DDR Memory includes, but is not limited to, any memory device that complies with any of the following industry standards: DDR2, DDR3, DDR4, LPDDR3, LPDDR4, LPDDR4X, and LPDDR5.

17. Support for the allegations of infringement may be found in the attached exemplary claim charts included as Exhibits B-E that show a mapping of one or more claims of the ‘960 Patent-in-Suit and representative industry standards, such as the DDR4, LPDDR3, LPDDR4X, and LPDDR5 technical specifications. These allegations are preliminary and are therefore subject to change.<sup>3</sup>

18. Accused Computing Device includes any computing device (including but not limited to, servers, desktop computers, laptops, tablets, and automated teller machines) that include the Accused DDR Memory.

19. Exemplary Vendors of Accused Computing Devices include, but are not limited to, HP, Lenovo, Acer, IBM, Asus, Dell, NCR, and Diebold.

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<sup>2</sup> Plaintiff reserves the right to amend, including but not limited to adding claims for indirect and willful infringement, if the discovery reveals pre-suit knowledge during the period of the alleged infringement.

<sup>3</sup> Plaintiff reserves the right to amend, including but not limited to adding claims for indirect and willful infringement, if the discovery reveals pre-suit knowledge during the period of the alleged infringement.

20. Upon information and belief, Defendant has owned and operated products and services involving Accused Computing Devices. Thus, Defendant has used Accused Computing Devices. Based on such use, Defendant has infringed one or more of claims 1-27 of the '960 patent, literally or under the doctrine of equivalents.

21. Upon information and belief, Defendant has provided laptop computers (that include Accused DDR Memory) and/or desktop computers (that include Accused DDR Memory) to its employees and/or contractors.

22. Upon information and belief, Defendant has used computer servers that include Accused DDR Memory.

23. Upon information and belief, Defendant has used automated teller machines (ATMs) that include Accused DDR Memory.

24. Defendant has caused Plaintiff damage by direct infringement of the '960 patent.<sup>4</sup>

### **C. JURY DEMAND**

Plaintiff hereby requests a trial by jury on issues so triable by right.

### **D. PRAYER FOR RELIEF**

WHEREFORE, Plaintiff prays for relief as follows:

- a. enter judgment that Defendant has infringed the claims of the '046 patent and the '960 patent.
- b. award Plaintiff damages in an amount sufficient to compensate it for Defendant's infringement, in an amount no less than a reasonable royalty, together with pre-judgment and post-judgment interest and costs under 35 U.S.C. § 284;

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<sup>4</sup> Plaintiff reserves the right to amend, including but not limited to adding claims for indirect and willful infringement, if the discovery reveals pre-suit knowledge during the period of the alleged infringement.

- c. award Plaintiff an accounting for acts of infringement not presented at trial and an award by the Court of additional damage for any such acts of infringement; and
- d. award Plaintiff such other and further relief as this Court deems just and proper.

Respectfully submitted,

**Ramey LLP**

/s/William P. Ramey  
William P. Ramey, III  
Texas Bar No. 24027643  
5020 Montrose Blvd., Suite 800  
Houston, Texas 77006  
(713) 426-3923 (telephone)  
(832) 900-4941 (fax)  
wramey@rameyfirm.com

***Attorneys for Innomemory, LLC***